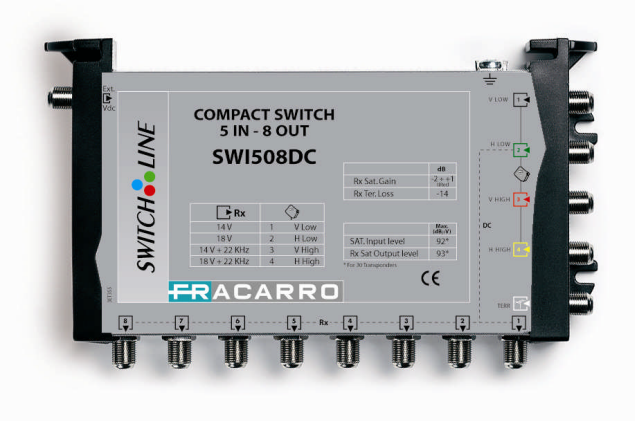
Advanced Compact Switch 5x8

SWI508DC



The **SWI508DC** is a part of 5 input Multiswitch compact range, designed to fulfil every installation requirement in small and medium sized distribution. It's part of range with 8 and 16 outputs.

This switch **can be powered from STBs**, saving money and simplifying structure of the system. It has internal circuit for **automatic detection**, and powering, of masthead amplifier. There's also an additional input connector for masthead amplifier when more than 100mA are needed or all STBs are switched off.

The range gives high quality in a compact size and the inputs on the front of the switches are colour coded to make connection quick and easy.

Fracarro's MSW Range match perfectly with HD requirements.

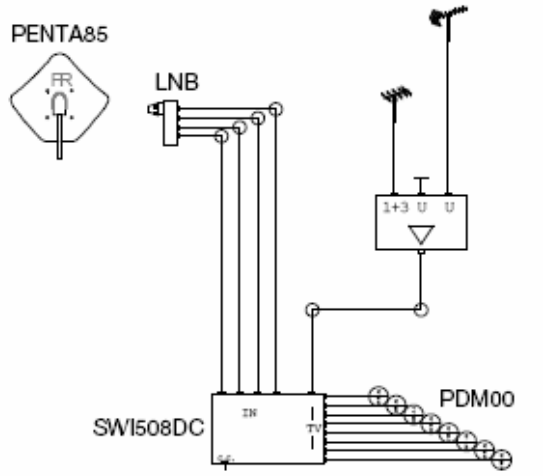
Key Points

- Powered from STB
- Circuit for automatic detection and 12 V Supply for terrestrial masthead amplifier
- Additional connector for current supplying on terrestrial input when necessary
- High output level – 110dBuV
- Standard colour coding
- HD compliant
- Return path included
- Low power consumption

		SWI508DC
Code	no.	271115
Inputs	no.	4 Satellite; 1 Terrestrial
Outputs	no.	8
Satellite		
Bandwidth	MHz	950–2150
Gain	dB	-2 to 2
Maximum output level (-35dBc 2 tones)	dBµV	110
Terrestrial		
Bandwidth	MHz	5–862
Gain	dB	-16
Maximum output level (-60dBc 3 tones)	dBµV	-
Return path		
Bandwidth	MHz	5–65
Gain	dB	-16
Maximum output level (-35dBc 2 tones)	dBµV	-
General parameters		
Isolation SAT-SAT	dB	30
Switching control	V, kHz	14/18, 0/22
Dimensions (w.×d.×h.)	mm	200×118×30
Operating Temperature	°C	-10 to +55

	Item Code	Packaging	Quantity	Dimensions (w×d×h)	Weight per unit	Weight
			pcs	mm	kg	kg
271115	SWI508DC	Single	1	215×125×35	0.56	0.56

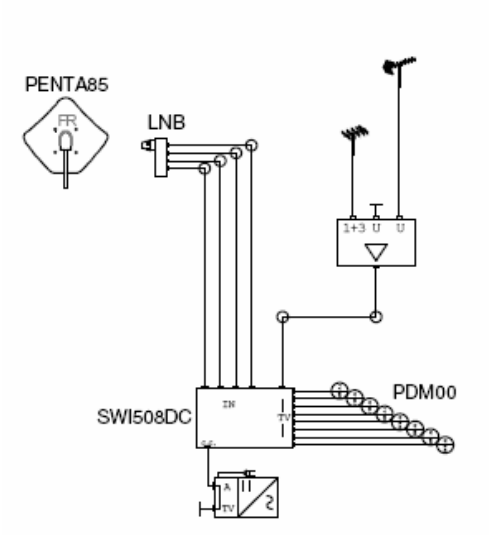
Basic installation



SWI508DC

Installation example 1

Advanced installation



SWI508DC

Installation example 2

Fracarro Radioindustrie S.p.A.
via Cazzaro, 3
31033 Castelfranco Veneto (TV)
Italy
tel. +39 0423 7361
fax +39 0423 736220
www.fracarro.com
info@fracarro.com

Fracarro (UK) Ltd
Unit A.
Ibex House, Keller Close
Kiln Farm, Milton Keynes.
MK11 3LL
UK
Tel. +44(0)1908 571571
Fax +44(0)1908 571570

Fracarro Ibérica
Polígono Táctica "Ciudad de los negocios"
C/2A, n° 4 - 46980
Paterna - Valencia
Tel. +34/961340104
Fax. +34/961340691

Fracarro France S.A.S.
14 bis rue du Ratrait
92158 Suresnes Cedex
France
Tel. +33 1 47283400
Fax +33 1 47283421

Fracarro Tecnologia e
Antenas de Televisao Lda
Rua Alexandre Herculano, n°1-1°B
Edifício Central Park
2795-242 Linda-a-Velha
Portugal
Tel.: +351214156800
Fax: +351214156809

Advanced Compact Switch 5x16

SWI516DC

The **SWI516DC** is a part of 5 input Multiswitch compact range, designed to fulfil every installation requirement in small and medium sized distribution. It's part of range with 8 and 16 outputs.

This switch **can be powered from STBs**, saving money and simplifying structure of the system. It has internal circuit for **automatic detection**, and powering, of masthead amplifier. There's also an additional input connector for masthead amplifier when more than 100mA are needed or all STBs are switched off.

The range gives high quality in a compact size and the inputs on the front of the switches are colour coded to make connection quick and easy.

Fracarro's MSW Range match perfectly with HD requirements.

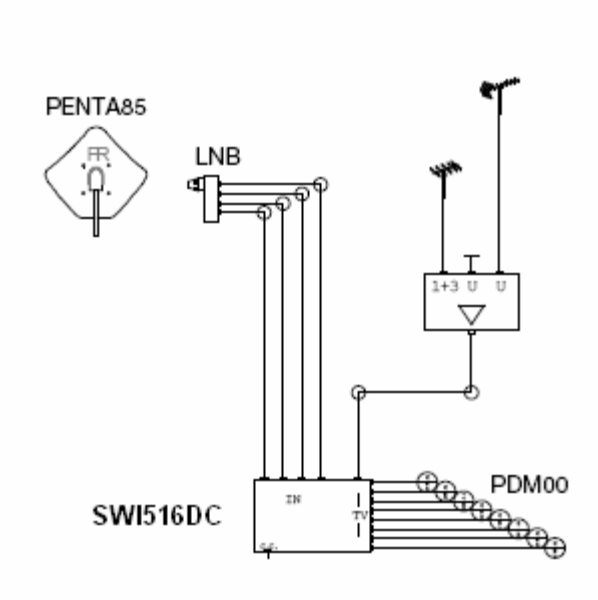
Key Points

- Powered from STB
- Circuit for automatic detection and 12 V Supply for terrestrial masthead amplifier
- Additional connector for current supplying on terrestrial input when necessary
- High output level – 110dBuV
- Standard colour coding
- HD compliant
- Return path included
- Low power consumption

		SWI516DC
Code	no.	271117
Inputs	no.	4 Satellite; 1 Terrestrial
Outputs	no.	16
Satellite		
Bandwidth	MHz	950–2150
Gain	dB	-2 to 2
Maximum output level (-35dBc 2 tones)	dBµV	110
Terrestrial		
Bandwidth	MHz	5–862
Gain	dB	-20
Maximum output level (-60dBc 3 tones)	dBµV	-
Return path		
Bandwidth	MHz	5–65
Gain	dB	-20
Maximum output level (-35dBc 2 tones)	dBµV	-
General parameters		
Isolation SAT-SAT	dB	30
Switching control	V, kHz	14/18, 0/22
Dimensions (w.×d.×h.)	mm	360×118×30
Operating Temperature	°C	-10 to +55

	Item Code	Packaging	Quantity	Dimensions (w×d×h)	Weight per unit	Weight
			pcs	mm	kg	kg
271117	SWI516DC	Single	1	440×125×35	1	1

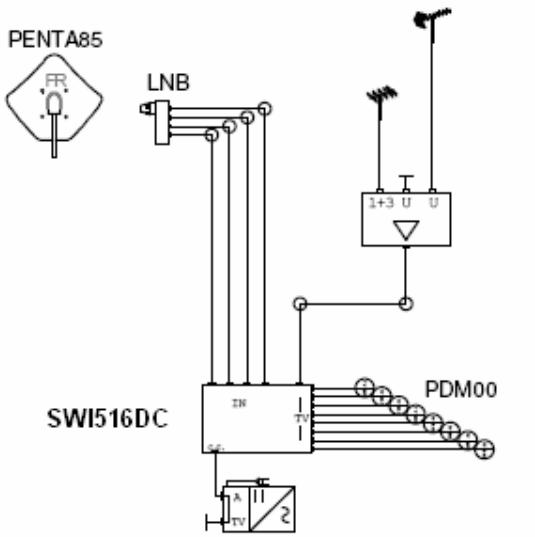
Basic installation



SWI516DC

Installation example 1

Advanced installation



SWI516DC

Installation example 2

Fracarro Radioindustrie S.p.A.
via Cazzaro, 3
31033 Castelfranco Veneto (TV)
Italy
tel. +39 0423 7361
fax +39 0423 736220
www.fracarro.com
info@fracarro.com

Fracarro (UK) Ltd
Unit A.
Ibex House, Keller Close
Kiln Farm, Milton Keynes.
MK11 3LL
UK
Tel. +44(0)1908 571571
Fax +44(0)1908 571570

Fracarro Ibérica
Polígono Táctica "Ciudad de los negocios"
C/2A, n° 4 - 46980
Paterna - Valencia
Tel. +34/961340104
Fax. +34/961340691

Fracarro France S.A.S.
14 bis rue du Ratrait
92158 Suresnes Cedex
France
Tel. +33 1 47283400
Fax +33 1 47283421

Fracarro Tecnologia e
Antenas de Televisao Lda
Rua Alexandre Herculano, n°1-1°B
Edifício Central Park
2795-242 Linda-a-Velha
Portugal
Tel.: +351214156800
Fax: +351214156809

Fracarro Radioindustrie S.p.A.
via Cazzaro, 3
31033 Castelfranco Veneto (TV)
Italy
tel. +39 0423 7361
fax +39 0423 736220
www.fracarro.com
info@fracarro.com

Fracarro (UK) Ltd
Unit A.
Ibex House, Keller Close
Kiln Farm, Milton Keynes.
MK11 3LL
UK
Tel. +44(0)1908 571571
Fax +44(0)1908 571570

Fracarro Ibérica
Polígono Táctica "Ciudad
de los negocios"
C/2A, n° 4 - 46980
Paterna - Valencia
Tel. +34/961340104
Fax. +34/961340691

Fracarro France S.A.S.
14 bis rue du Ratrait
92158 Suresnes Cedex
France
Tel. +33 1 47283400
Fax +33 1 47283421

Fracarro Tecnologia e
Antenas de Televisao Lda
Rua Alexandre Herculano, n°1-1°B
Edifício Central Park
2795-242 Linda-a-Velha
Portugal
Tel.: +351214156800
Fax: +351214156809